Clean Version of Claims After Entry of Preliminary Amendment B

1. (Amended) A document processing system for processing a plurality of currency bills to be deposited in a financial account of a customer, the document processing system comprising:

a scanning device having

an input receptacle adapted to receive a plurality of currency bills,

an image scanner adapted to obtain an image of at least one side of a currency bill and to extract a serial number field from the image, the image scanner being adapted to create an image file containing the image of the currency bill and the serial number field,

a transport mechanism adapted to transport each of the plurality of currency bills, one at a time, from the input receptacle past the image scanner, to at least one output receptacle,

a controller coupled to the transport mechanism and the image scanner, the controller adapted to control the operation of the transport mechanism and the operation of the image scanner,

an evaluation unit adapted to determine the denomination of each of the currency bills, the evaluation unit being coupled to the controller, and

a memory communicatively coupled to the controller, the memory having stored therein at least one serial number associated with counterfeit currency bills, wherein the controller is adapted to retrieve the at least one serial number from the memory and to compare extracted serial numbers to the at least one stored serial number, wherein the scanning device is adapted to reject any currency bills having a serial number matching a serial number in the database.

2. The system of claim 1, wherein the plurality of currency bills is a stack of currency bills.

3. The system of claim 1, wherein the output receptacle is a single output receptacle.

4. The system of claim 1, wherein the output receptacle includes a first output receptacle and a second output receptacle.

5. The system of claim 1, wherein one of the first and second output receptacles is an off-sort receptacle.

6. The system of claim 1, wherein the output receptacle is a plurality of output receptacles.

7. The system of claim 6, wherein the plurality of output receptacles include one off-sort receptacle.

8. The system of claim 1, further comprising a stacker wheel comprising flexible blades positioned to restack documents in the output receptacle.

9. The system of claim 1, wherein the image scanned is a full image of the entire currency bill.

10. The system of claim 1, further comprising a control panel communicatively coupled to the memory and adapted to provide an indication if the extracted serial number of the currency bill matches a serial number on the list.

11. The system of claim 10, wherein the control panel comprises a display screen.

12. The system of claim 10, wherein the control panel comprises a light and wherein the control panel provides an indication that a currency bill has been flagged as a suspect counterfeit bill by causing the light to blink.

13. The system of claim 1, wherein the system is adapted to flag a currency bill having a serial number matching a serial number stored in the memory.

14. The system of claim 13, wherein the system is further adapted to halt the operation of the system if a currency bill is flagged.

15. The system of claim 14, wherein the controller is further adapted to continue the operation of the system if a currency bill is flagged.

16. The system of claim 15, further comprising a display panel, the display panel adapted to display an image of a flagged currency bill to an operator.

17. The system of claim 1, wherein the system is further adapted to test the currency bill as being genuine by using a counterfeit test, the counterfeit test utilizing at least one of ultraviolet testing, infrared testing, magnetic testing, thread testing, and image comparison testing.

18. The system of claim 17, wherein the system is further adapted to flag a currency bill that does not pass the counterfeit test.

19. The system of claim 18, wherein the controller is further adapted to halt operation of the system if a currency bill is flagged.

20. The system of claim 18, wherein the controller is further adapted to continue the operation of the system if a currency bill is flagged.

21. The system of claim 18, wherein the controller is further adapted to add a reason for the flag to the image of a currency bill that has been flagged.

22. The system of claim 18, wherein the controller is further adapted to add the results of the counterfeit test onto the image of a currency bill.

23. The system of claim 1, further comprising an interface coupled to the controller and adapted to automatically communicate with a financial institution, the financial institution being adapted to credit a financial account belonging to the customer substantially immediately.

24. The system of claim 1, wherein the transport mechanism feeds the currency bills in a direction that is perpendicular to a longer edge of the currency bills.

25. The system of claim 1, wherein the transport mechanism feeds the currency bills in a direction that is parallel to a longer edge of the currency bills.

26. The system of claim 1, wherein the transport mechanism is adapted to transport the currency bills at a rate of between about 300 to about 400 bills per minute.

27. The system of claim 1, wherein the transport mechanism is adapted to transport the currency bills at a rate in excess of 600 bills per minute.

28. The system of claim 1, wherein the image scanner is further adapted to extract and store a denomination of the currency bill.

29. The system of claim 1, wherein the image scanner is further adapted to extract and store a Federal Reserve Bank number of the currency bill.

30. The system of claim 1, wherein the image scanner is further adapted to extract and store a signatory on the currency bill.

31. The system of claim 1, wherein the controller is further adapted to add a date of deposit onto the image file.

32. The system of claim 1, further comprising a second input receptacle adapted to receive a plurality of checks.

33. The system of claim 32, further comprising:

a second image scanner adapted to obtain an image of a side of each of the checks and to extract an amount from each of the checks, the second image scanner further adapted to create an image file containing the image of the side of the check and the amount;

a second transport mechanism adapted to transport each of the checks, one at a time, from the second input receptacle and past the image scanner to a second output receptacle;

wherein the memory is further adapted to store the image file of each of the checks; and

an interface coupled to the controller and adapted to automatically communicate with a financial institution, the financial institution being adapted to credit a financial account belonging to the customer.

34. The system of claim 32, wherein the input receptacle, the image scanner, the transport mechanism, the memory, and the controller are in a first housing, the system further comprising a second housing having:

a second image scanner adapted to obtain an image of a side of each of the checks and to extract an amount from each of the checks, the second image scanner further adapted to obtain a check image file containing the image of the side of the check and the amount;

a second transport mechanism adapted to transport each of the checks, one at a time, from the second input receptacle and past the second image scanner to a second output receptacle;

wherein the memory is further adapted to store the image file of each of the checks; and

an interface coupled to the controller and adapted to automatically communicate with a financial institution, the financial institution being adapted to credit a financial account belonging to the customer.

35. The system of claim 34, wherein the first housing further comprises a value entry means adapted to receive an input from a customer indicating the amount of a currency bill being imaged by the image scanner.

36. The system of claim 35, wherein the value entry means comprises a plurality of denomination keys.

37. The system of claim 35, wherein the value entry means comprises a keyboard.38. The system of claim 35, wherein the value entry means comprises a numeric keypad.

39. The system of claim 37, wherein the second housing further comprises a display adapted to display an image of a check, wherein the amount of the check is unable to be determined by the second image scanner.

40. The system of claim 39, wherein the value entry means comprises a plurality of denomination keys.

41. The system of claim 39, wherein the value entry means comprises a keyboard.

42. The system of claim 39, wherein the value entry means comprises a numeric keypad.

43. The system of claim 1, wherein the input receptacle is exactly one input receptacle adapted to receive both currency and checks and the output receptacle is exactly one output receptacle.

44. The system of claim 1, wherein the input receptacle is exactly one input receptacle adapted to receive both currency and checks and the output receptacle is exactly two output receptacles.

45. A method for processing currency bills to be deposited in a financial account belonging to a customer using a document scanning device having an image scanner, the method comprising:

receiving a stack of currency bills into an input receptacle;

transporting each of the bills, one at a time, from the input receptacle to at least one output receptacle;

obtaining an image of each of the currency bills with the image scanner;

extracting a serial number from each of the images of the currency bills;

creating an image file containing the full image and the extracted serial number;

comparing the extracted serial number to a list of serial numbers associated with counterfeit bills and stored in a memory of the currency scanning device; and

storing the image file in a memory.

46. The method of claim 45, wherein the output receptacle is exactly one output receptacle.

47. The method of claim 45, wherein the output receptacle is exactly two output receptacles.

48. The method of claim 45, wherein the output receptacle is a plurality of output receptacles.

49. The method of claim 45, further comprising halting the operation of the document processing device if the extracted serial number matches a serial number stored on the list.

50. The method of claim 45, further comprising alerting a customer if the extracted serial number matches a serial number stored on the list.

51. The method of claim 45, further comprising discriminating the denomination of the currency bill if the extracted serial number does not match a serial number stored on the list.

52. The method of claim 51, further comprising crediting the financial account of the customer based upon the denomination of the currency bill.

53. The method of claim 45, further comprising:

inserting a plurality of checks into the document processing device at the input receptacle;

transporting each of the plurality of checks, one at a time, from the input receptacle and past the image scanner;

obtaining an image of a check as the check is transported past the image scanner;

storing the image in a memory;

discriminating the amount of the check; and

updating the financial account of the customer based upon the amount of the check.

54. The method of claim 53, wherein the output receptacle is a single output receptacle.

55. The method of claim 53, wherein the output receptacle includes a first output receptacle and a second output receptacle.

56. The method of claim 55, wherein the first output receptacle is adapted to receive on-us checks and the second output receptacle is adapted to receive transit checks.

57. The method of claim 55, wherein the first output receptacle is adapted to receive currency bills, and the second output receptacle is adapted to receive checks.

58. The method of claim 53, wherein the output receptacle is a plurality of output receptacles.

59. The method of claim 53, wherein the input receptacle comprises a first input receptacle and a second input receptacle, and the first input receptacle is adapted to receive currency bills and the second input receptacle is adapted to receive checks.

60. A document processing system for depositing currency bills in an account of a customer at a financial institution, the document processing system comprising:

a plurality of scanning devices, each of the plurality of scanning devices having an input receptacle adapted to receive a stack of currency bills, an image scanner adapted to obtain an image of a side of each of the currency bills and to extract information from each of the currency bills, a transport mechanism coupled to the input receptacle and adapted to transport each of the currency bills, one at a time, from the input receptacle, past the image scanner, and to an output receptacle, each of the scanning devices further having a controller coupled to the image scanner and the transport mechanism and adapted to control the operation of the image scanner and the transport mechanism, and a memory including a list of information, wherein the controller is adapted to compare the list of information to the extracted information, and wherein the memory device is further adapted to store the image and the extracted information.

61. A currency scanning device for accepting currency bills from a customer comprising:

a scanning device having

an input receptacle adapted to receive a plurality of currency bills,

an image scanner adapted to obtain an image of at least one side of a currency bill and to extract a serial number field from the image,

a transport mechanism adapted to transport each of the plurality of currency bills, one at a time, from the input receptacle past the image scanner, to at least one output receptacle,

an input device adapted to receive an account number from the customer,

a controller coupled to the transport mechanism and the image scanner, the controller adapted to control the operation of the transport mechanism and the operation of the image scanner, the controller further adapted to create an image file containing the image of the currency bill, the serial number field and the account number;

an evaluation unit adapted to determine the denomination of processed currency bills, the evaluation unit coupled to the controller,

a memory coupled to the controller and adapted to store the image file, the memory being configured to be searchable by serial number so that when a serial number is found to be associated with a counterfeit bill, the memory can be searched for an image file containing the serial number of the counterfeit bill; and

a processor coupled to the scanning device and adapted to read an account number from an image file containing a serial number of a counterfeit bill, the processor further adapted to debit a financial account associated with the account number for the denomination of the counterfeit bill.

62. A method for processing currency using a currency scanning device having an image scanner, the method comprising:

receiving a stack of currency bills into an input receptacle of the scanning device;

transporting each of the currency bills, one at a time, from the input receptacle to an output receptacle;

obtaining an image of a side of each of the currency bills with an image scanner;

extracting a serial number from each of the currency bills;

creating an image file containing the image, the extracted serial number, and an account number associated with a financial account that will be credited with the currency bill;

storing the image file in a memory;

crediting the financial account of the customer based on the denominations of the currency bills; and

debiting the financial account if it is determined that credit was given for any counterfeit bill.

63. (Amended) A document processing system for processing a plurality of currency bills to be deposited in a financial account of a customer, the comprising:

a scanning device having

an input receptacle adapted to receive a plurality of currency bills,

an image scanner adapted to obtain an image of a side of a currency bill and to extract a predetermined field from the image, the image scanner being adapted to create an image file containing the image of the currency bill,

a transport mechanism adapted to transport each of the plurality of currency bills, one at a time, from the input receptacle past the image scanner, to at least one output receptacle,

a controller coupled to the transport mechanism and the image scanner, the controller adapted to control the operation of the transport mechanism and the operation of the image scanner,

a discrimination and authentication unit adapted to determine the denomination of each of the currency bills and to perform counterfeit testing on the currency bills, the discrimination and authentication unit being coupled to the controller, and

a memory communicatively coupled to the controller, the memory adapted to store at least one predetermined field having stored therein at least one predetermined field associated with counterfeit currency bills, wherein the controller is adapted to retrieve the at least one predetermined field from the memory and to compare extracted predetermined fields to the at least one stored predetermined field, wherein the scanning device is adapted to reject any currency bills having a predetermined field matching a predetermined field in the database.

64. (Amended) A document processing system for processing a plurality of currency bills to be deposited in a financial account of a customer, the document processing system comprising:

a scanning device having

an input receptacle adapted to receive a plurality of currency bills,

an image scanner adapted to obtain an image of a side of a currency bill and to extract an encoded data field from the image, the image scanner being adapted to create an image file containing the image of the currency bill,

a transport mechanism adapted to transport each of the plurality of currency bills, one at a time, from the input receptacle past the image scanner, to at least one output receptacle,

a controller coupled to the transport mechanism and the image scanner, the controller adapted to control the operation of the transport mechanism and the operation of the image scanner,

a discrimination and authentication unit adapted to determine the denomination of each of the currency bills and to perform counterfeit testing on the currency bills, the discrimination and authentication unit being coupled to the controller, and

a memory communicatively coupled to the controller, the memory adapted to store at least one encoded data field having stored therein at least one encoded data field associated with counterfeit currency bills, wherein the controller is adapted to retrieve the at least one encoded data field from the memory and to compare extracted encoded data fields to the at least one stored encoded data field, wherein the scanning device is adapted to reject any currency bills having a encoded data field matching an encoded data field in the database.

65. A method for processing currency bills to be deposited in a financial account belonging to a customer using a document scanning device having an image scanner, the method comprising:

receiving a stack of currency bills into an input receptacle;

transporting each of the bills, one at a time, from the input receptacle to an output receptacle;

obtaining an image of each of the currency bills with the image scanner;

extracting an encoded data field from each of the images of the currency bills;

creating an image file containing the full image and the extracted encoded data field;

comparing the extracted encoded data field to a list of encoded data fields associated with counterfeit bills and stored in a memory of the currency scanning device; and

storing the image file in a memory.

66. A method for processing currency bills to be deposited in a financial account belonging to a customer using a document scanning device having an image scanner, the method comprising:

receiving a stack of currency bills into an input receptacle;

transporting each of the bills, one at a time, from the input receptacle to an output receptacle.

obtaining an image of each of the currency bills with the image scanner;

extracting a predetermined data field from each of the images of the currency bills;

creating an image file containing the full image and the extracted predetermined data field;

comparing the extracted predetermined data field to a list of predetermined data fields associated with counterfeit bills and stored in a memory of the currency scanning device; and

storing the image file in a memory.

67. A document scanning device for accepting currency bills and checks from a customer comprising:

a scanning device having

an input receptacle adapted to receive a plurality of documents,

an image scanner adapted to obtain an image of a side of a document and to extract a predetermined field from the image,

a transport mechanism adapted to transport each of the plurality of currency bills, one at a time, from the input receptacle past the image scanner, to at least one output receptacle,

an input device adapted to receive an account number from the customer,

a controller coupled to the transport mechanism and the image scanner, the controller adapted to control the operation of the transport mechanism and the operation of the image scanner, the controller further adapted to create an image file containing the image of the document, the predetermined field and the account number;

an evaluation unit adapted to determine the amount of processed documents, the evaluation unit coupled to the controller,

a memory coupled to the controller and adapted to store the image file, the memory being configured to be searchable by the predetermined field so that when a predetermined field is found to be associated with a counterfeit document, the memory can be searched for an image file containing the predetermined field of the counterfeit document; and

a processor coupled to the scanning device and adapted to read an account number from an image file containing a predetermined field of a counterfeit document, the processor further adapted to debit a financial account associated with the account number for the amount of the counterfeit document.

68. (New) A document processing system for processing a plurality of currency bills to be deposited in a financial account of a customer; the system comprising:

an input receptacle adapted to receive a plurality of currency bills;

an output receptacle adapted to receive processed currency bills;

an image scanner adapted to obtain an image of at least one side of a currency bill, extract data in at least one of a plurality of data fields from the image, and create an image file containing the image of the currency bill and the extracted data;

a transport mechanism adapted to transport each of the plurality of currency bills, one at a time, from the input receptacle past the image scanner, to the output receptacle

a controller coupled to the transport mechanism and the image scanner, and adapted to control operation of the transport mechanism and operation of the image scanner;

an evaluation unit coupled to the image scanner and the controller and adapted to determine denomination of a currency bill; and

memory communicatively coupled to the controller and the image scanner and adapted to store images of currency bills, whereby a currency bill may be both denominated and have an image thereof stored in memory.

69. A system according to Claim 68, wherein the evaluation unit is adapted to determine the denomination of a currency bill based on predetermined criteria.

70. A system according to Claim 68, wherein the evaluation unit is adapted such that denomination of currency bills occur as currency bills are transported through the system.

71. A system according to Claim 68, wherein the controller is adapted to sort images of currency bills stored in memory according to preset criteria.

72. A system according to Claim 71, wherein the preset criteria for sorting images comprises at least one of a deposit account name, a deposit account number, a date of deposit, a time of deposit, and a serial number of a currency bill.

73. A system according to Claim 68, wherein the controller is adapted to retrieve from memory an image of a currency bill to enable review of at least one of the plurality of data fields of a currency bill.

74. A system according to Claim 68, wherein the controller is adapted to retrieve from memory images of currency bills based on an account number associated with the images.

75. A system according to Claim 68, wherein the controller is adapted to receive and process one or more requests from a source unrelated to a transaction involving the subject of the requests.

76. A system according to Claim 75, wherein the one or more requests comprise a request to access the images stored in memory.

77. A system according to Claim 68, wherein the controller is adapted to flag a currency bill having a serial number matching one or more predetermined serial numbers stored in memory.

78. A system according to Claim 77, wherein the controller is adapted to notify a user via a monitor when a currency bill is flagged.

79. A system according to Claim 78, wherein the controller is adapted to flag a currency bill based on predetermined criteria.

80. A system according to Claim 79, wherein the predetermined criteria is based on one or more indicia selected from the group consisting of: serial number data, denomination data, series data, issuing bank data, image quality, infrared characteristics, ultraviolet characteristics, color shifting, magnetic, or other ink characteristics, watermark characteristics, and thread characteristics.

81. A system according to Claim 68, wherein the image scanner is adapted to tag the image of the currency bill with a counterfeit test indicator identifying a counterfeit test performed on the currency bill and a result of the test.

82. A system according to Claim 68, wherein said output receptacle comprises exactly one output bin and said input receptacle comprises exactly one input bin.

83. A system according to Claim 68, comprising exactly two output bins and exactly one input bin, wherein said output receptacle is one output bin and said input receptacle is the one input bin.

84. A system according to Claim 68, comprising exactly one output bin, wherein said output receptacle is the one output bin; and comprises exactly two input bins, including the said input receptacle.

85. A system according to Claim 68, comprising exactly two output bins, including said output receptacle; and comprises exactly two input bins, including said input receptacle.

86. A system according to Claim 68, comprising a plurality of output bins, including said output receptacle; and comprising exactly two input bins, including the input receptacle.

87. A document processing device for processing a plurality of currency bills and checks to be deposited in a financial account of a customer, wherein the document processing device comprises:

a first and second input receptacles, the first being adapted to receive a plurality of currency bills, the second being adapted to receive a plurality of checks;

one or more output receptacles for receiving processed documents;

an image scanner adapted

to obtain an image of at least one side of a currency bill and to extract serial number field data from the image,

to create an image file containing an adequate amount of information to review the image of the currency bill and the serial number field, wherein the adequate amount is determined based on predetermined criteria, and

to obtain an image of at least one side of a check and to create an image file containing the image of the check; wherein the system further comprises

a transport mechanism adapted to transport from the input receptacles each of the plurality of currency bills and checks, one bill or check at a time, past the image scanner, to at the one or more output receptacles;

a controller coupled to the transport mechanism and the image scanner and adapted to control operation of the transport mechanism and operation of the image scanner;

an evaluation unit coupled to the controller and adapted to determine denomination of both currency bills and checks; and

memory communicatively coupled to the controller and having stored therein data from at least one serial number associated with counterfeit currency bills, wherein

the controller is adapted to retrieve from memory data stored therein from at least one serial number and compare extracted serial number field data to data from retrieved from memory, and wherein the processing device is adapted to reject currency bills based on a comparison between extracted serial number field data and retrieved data.

88. The document processing device of Claim 87, being adapted to reject any currency bill having a serial number matching a serial number stored memory.

89. The document processing device of Claim 88, wherein the adequate amount of information contained in the image file created by the image scanner is sufficient to at least reproduce a sufficient portion of the image to assess a predetermined criteria.

90. The document processing device of Claim 89, wherein the assessment of the predetermined criteria aid via a tag within the image, wherein the tag indicates a condition of the predetermined criteria.

91. A method for processing currency bills to be deposited in a financial account belonging to a customer, wherein the customer is using a document scanning device to affect his financial account and the method comprises:

receiving a stack of currency bills into an input receptacle;

transporting each of the bills, one at a time, from the input receptacle to an output receptacle;

obtaining an image of each of the currency bills with an image scanner, wherein the bill image is at least a portion of the bill;

extracting a serial number from the bill image; and

creating an image file containing the extracted serial number and the bill image.

92. The method of Claim 91, wherein creating an image file comprises creating an image file for each bill processed.

93. The method of Claim 91, comprising storing the image file in memory.

94. The method of Claim 91, comprising outputting the bills to exactly one output receptacle, wherein the exactly one output receptacle is the output receptacle.

95. The method of Claim 91, comprising selectively outputting the bills to exactly two output receptacles, wherein the two output receptacles include the output receptacle.

96. The method of Claim 91, comprising selectively outputting the bills to one or more output receptacles, wherein the one or more output receptacles comprise the output receptacle.

97. A method for processing currency bills to be deposited in a financial account associated with a customer, wherein the method comprises:

receiving a stack of currency bills into an input receptacle;

transporting each of the bills, one at a time, from the input receptacle to an output receptacle;

obtaining an image of each of the currency bills

extracting a serial number for each bill;

creating an image file; and

storing the image file in memory.

98. The method of Claim 97, wherein creating the image file comprises containing the image of the bill and the extracted serial number in the image file.

99. The method of Claim 97, wherein extracting the serial number for each bill comprises extracting the serial number form the image file placing the image of the bill.

100. The method of Claim 97, comprising transporting the image file to memory at a remote location.

101. The method of Claim 97, comprises sorting the image file by the financial account associated with the customer.

102. A method for processing currency bills to be deposited in a financial account associated with a customer, wherein the method comprises:

receiving a stack of currency bills in an input receptacle;

transporting each of the bills, one at a time, from the input receptacle to an output receptacle;

obtaining an image of each of the currency bills with an image scanner;

extracting a data field from each of the images of the currency bills; and

creating an image file containing the extracted serial number and the image.

103. The method of Claim 102, comprising storing the image file in memory.

104. The method of Claim 102, comprising comparing the extracted data field to a list of extracted data fields stored in memory and associated with counterfeit bills.

105. The method of Claim 102, comprising::

receiving the bills from a single input receptacle, wherein the input receptacle is the single input receptacle and

selectively transporting bills to at least one of a first output receptacle and a second output receptacle, wherein the output receptacle is the first output receptacle.

106. The method Claim 105, comprising transporting bills to the first output receptacle and transporting checks to the second output receptacle.

107. The method of Claim 105, comprising enabling a user to designate the first and second output receptacles to receive either one of currency bills or checks, or to receive both currency bills and checks.

108. The method of Claim 105, comprising:

sorting the currency bills prior to sorting the checks,

off-sorting one denomination into one of the first and second output receptacles,

and transporting all other denominations into the other of the first and second output receptacles.

109. The method of Claim 105, comprising:

sorting the checks after sorting the currency bills,

sorting checks drawn on the deposit financial institution into one of the first and second output receptacles, and

transporting checks drawn on all other financial institutions into the other of said first and second output receptacles.

110. The method of Claim 105, comprising:

sorting the currency bill; and

sorting the checks prior to sorting the currency bills, wherein checks drawn on the deposit financial institution are sorted into one of the first and second output receptacles and checks drawn on all other financial institutions are sorted into the other of said first and second output receptacles.

111. The method of Claim 105, comprising sorting check, and sorting currency bills after sorting checks, wherein sorting currency bills comprises off-sorting one denomination into one of the first and second output receptacles, and transporting all other denominations into the other of the first and second output receptacles.

112. The method of Claim 105, comprising transporting the currency bills into the second output receptacle after the first output receptacle is filled, and then transporting currency bills to the first output receptacle after the second output receptacle is filled, wherein checks are sorted separately from currency bills.

113. The method of Claim 112, comprising sorting currency bills before checks.

114. The method of Claim 112, comprising signaling an operator when one of the first and second output receptacles is full.

115. The method of Claim 112 comprising halting transporting when both the first and second output receptacles are full.

116. The method of Claim 112, comprising transporting checks drawn on a pre-selected financial institution into one of the first and second output receptacle and transporting checks drawn on another financial institution into the other of the first and second output receptacle.

117. A document processing device for processing a plurality of currency bills and checks to be deposited in a financial account of a customer, wherein the document processing device comprises:

an input receptacle adapted to receive at least one of either checks or currency bills;

one or more output receptacles for receiving processed documents;

an image scanner adapted:

to obtain an image of at least one side of a currency bill,

to extract a serial number field data from the image of the currency bill,

to create an image file containing the image of the currency bill and the serial number field,

to obtain an image of at least one side of a check,

to create an image file containing the image of the check, and

to obtain a payment amount from each of the checks; wherein the processing device further comprises:

a transport mechanism adapted to transport from the input receptacles each of the plurality of currency bills and checks, one bill or check at a time, past the image scanner, to one or more output receptacles;

a controller coupled to the transport mechanism and the image scanner, and adapted to control operation of the transport mechanism and operation of the image scanner, wherein the controller is also adapted to transmit information to a first computer adapted to credit the financial account of the customer with the payment amount;

an evaluation unit coupled to the controller and adapted to determine denomination of the currency bills and the checks;

memory communicatively coupled to the controller and having stored therein at least one serial number associated with counterfeit currency bills, wherein the controller is adapted to retrieve the at least one serial number from memory and compare extracted serial number field data to the at least one stored serial number retrieved from memory and reject any currency bills having data from serial number field matching a serial number stored memory.

118. The device of Claim 117, wherein the imager scanner is adapted to take images of both sides of a currency bill.

119. The device of Claim 117, wherein the one or more output receptacles comprises exactly one output receptacle.

120. The device of Claim 117, comprising exactly two output receptacles, including the output receptacle.

121. The device of Claim 117, comprising two output receptacles, including one or more output receptacle, wherein one output receptacle is adapted to receive a stack of currency bills and the other output receptacle is adapted to receive a stack of checks; and wherein the input receptacle is adapted to receive both currency bills and checks.

122. The device of Claim 117, comprising two input receptacles, including the input receptacle, wherein one of the input receptacles is adapted to receive a stack of checks and the other of the two input receptacles is adapted to receive a stack of currency bills; one wherein the one or more output receptacles comprises one output receptacle adapted to receive both currency and checks.

123. A currency scanning device for accepting currency bills from a customer, wherein the device comprises:

an input receptacle adapted to receive a plurality of currency bills;

an output receptacle;

an image scanner adapted to obtain an image of a side of a currency bill and to extract one or more data fields from the image;

transport mechanism for transporting each of the plurality of currency bills, one at a time, from the input receptacle past the image scanner, to the output receptacle;

an input device s adapted to receive an account number from the customer;

a controller coupled to the transport mechanism and the image scanner, and adapted to control operation of the transport mechanism and the image scanner, wherein the controller is further adapted to create an image file containing the image of the currency bill, the one or more data fields and an account number to which the currency is being deposited, wherein the account number to which the currency is being deposited is the account number received by the input device; and wherein the currency scanning device further comprises:

an evaluation unit coupled to the controller and adapted to determine denomination of processed currency bills; and

memory coupled to the controller and adapted to store the image file, wherein the memory is configured to enable searching for an image file based on the one or more data fields.

124. The device of Claim 123, wherein the imager scanner is adapted to take images of both sides of a currency bill.

125. The device of Claim 123, wherein the output receptacle comprises exactly one output receptacle.

126. The device of Claim 123, comprising exactly two output receptacles, including the output receptacle.

127. The device of Claim 123, comprising one or more output receptacles, including the output receptacle.

128. The device of Claim 123, comprising two output receptacles, including the output receptacle, wherein one output receptacle is adapted to receive a stack of currency bills and the other input receptacle is adapted to receive a stack of checks, and wherein the input receptacle adapted to receive both currency bills and checks.

129. The device of Claim 123, comprising two input receptacles, including the input receptacle, wherein one of the input receptacles is adapted to receive a stack of checks and the other of the two input receptacles is adapted to receive a stack of currency bills, and wherein the output receptacle is adapted to receive both currency and checks.

130. The device of Claim 123, comprising two input receptacles, including the input receptacle; and two output receptacles, including the output receptacle.

131. The device of Claim 123, comprising two input receptacles, including the input receptacle; and one or more output receptacles, including the output receptacle.

132. A currency scanning device adapted to accept currency bills from a customer, the device comprising:

in input device adapted to receive an account number from the customer;

an input receptacle adapted to receive a plurality of currency bills,

an output receptacle;

an image scanner adapted to obtain an image of a side of a currency bill;

a transport mechanism adapted to transport each of the plurality of currency bills, one at a time, from the input receptacle past the image scanner, to the output receptacle

a controller coupled to the transport mechanism and the image scanner and adapted to control operation of the transport mechanism and the image scanner, wherein the controller is adapted to create an image file containing the image of the currency bill, the serial number field and the account number; and wherein the currency scanning device further comprises:

an evaluation unit coupled to the controller and adapted to determine denominations of currency bills; and

memory coupled to the controller and adapted to store the image file associated with a currency bill.

133. The device of Claim 132, wherein the imager scanner is adapted to take images of both sides of a currency bill.

134. The device of Claim 132, wherein the output receptacle comprises exactly one output receptacle.

135. The device of Claim 132, comprising exactly two output receptacles, including the output receptacle.

136. The device of Claim 132, comprising one or more output receptacles, including the output receptacle.

137. The device of Claim 132, comprising two output receptacles, including the output receptacle, wherein one output receptacle of the two is adapted to receive a stack of currency bills and the other input receptacle is adapted to receive a stack of checks; and wherein the input receptacle is adapted to receive both currency bills and checks.

138. The device of Claim 132, comprising two input receptacles, including the input receptacle, wherein one of the input receptacles is adapted to receive a stack of checks and the other of the two input receptacles is adapted to receive a stack of currency bills; and wherein the output receptacle is adapted to receive both currency and checks.

139. The device of Claim 132, comprising: two input receptacles, including the input receptacle; and two output receptacles, including the output receptacle.

140. The device of Claim 132, comprising two input receptacles and one or more output receptacles, wherein the two input receptacles include the input receptacle; the one or more output receptacles, include the output receptacle.

141. A document processing system for processing a plurality of currency bills and checks to be deposited in a financial account of a customer, wherein the system comprises:

an input receptacle adapted to receive at least one of a plurality of currency bills and a plurality of checks;

an output receptacle;

a single image scanner adapted:

to obtain images of at least one side of both the checks and the currency bills,

to extract a serial number field from the currency bill and to extract an amount from each of the checks,

to create an image file containing the image of the currency bill and the serial number field, and

to create another image file containing the image of the check and the amount of the check; and wherein the system further comprises:

a transportation mechanism adapted to transport the bills and checks from the input receptacle, one at a time, past the image scanner and to the output receptacle;

a controller coupled to the transport mechanism and the image scanner and adapted to control operation of the transport mechanism and operation of the image scanner; and

an evaluation unit coupled to the controller adapted to determine denomination of the currency bills;

memory communicatively coupled to the controller and adapted to store images of currency bills and adapted to store images of the checks; and

an interface coupled to the controller and adapted to automatically communicate with a financial institution to transmit transaction information based on at least one of either evaluation of currency bills by the evaluation unit or evaluation of checks by the evaluation unit, wherein the transaction information is adequate to allow the financial institution is to credit a financial account belonging to a customer.

142. The system of Claim 141, wherein the output receptacle comprises a single output receptacle.

143. The system of Claim 141, wherein the output receptacle comprises two output receptacles, including the output receptacle.

144. A document processing system for processing a plurality of currency bills to be deposited in a financial account of a customer, wherein the system comprises:

an input receptacle adapted to receive a plurality of currency bills;

an output receptacle;

an image scanner adapted to:

obtain an image of at least one side of a currency bill,

extract data at least one of a plurality of data fields from the image, and

create an image file containing an adequate amount of information, wherein the amount of information is based on predetermined criteria; and the system further comprises:

a transport mechanism adapted to transport the plurality of currency bills, one at a time, from the input receptacle past the image scanner, to the output receptacle;

controller coupled to the transport mechanism and the image scanner and adapted to control operation of the transport mechanism and operation of the image scanner;

an evaluation unit coupled to the controller and adapted to determine denomination of the currency bills; and

memory communicatively coupled to the controller and adapted to store image files of currency bills.

145. The system of Claim 144, wherein each bill is subjected to one or more counterfeit tests and the image file of a bill is stored after the bill is subjected to the one or more counterfeit tests.

146. The system of Claim 144, the controller is adapted to selectively subject a currency bill to one or more counterfeit tests based on predetermined criteria.

147. The system of Claim 146, wherein the controller is adapted to continuing subjecting a currency bill to counterfeit tests until one of either the bill fails a counterfeit test to which the bill was subjected or the bill has passed a predetermined number of counterfeit tests.

148. A document processing system for processing a plurality of checks to be deposited in a financial account of a customer, wherein the system comprises:

an input receptacle adapted to receive a plurality of checks;

an output receptacle;

an image scanner adapted to obtain an image of at least one side of a check, extract at least one of a plurality of data fields from the image, and create an image file containing an adequate amount of information, wherein the adequate amount of information is based on predetermined criteria and includes data from the extracted data fields, and wherein the system further comprises:

a transport mechanism adapted to transport the plurality of checks, one at a time, from the input receptacle past the image scanner, to the output receptacle

a controller coupled to the transport mechanism and the image scanner adapted to control operation of the transport mechanism and the image scanner;

an evaluation unit coupled to the controller and adapted to determine an amount of a check; and

memory communicatively coupled to the controller and adapted to store image files of the checks.

149. A document processing device for processing a plurality of checks, wherein the document processing device comprises:

an input receptacle adapted to receive a plurality of checks;

an output receptacle;

an image scanner adapted to obtain an image of at least one side of a check, extract data from one or more data fields of the image, create an image file containing an adequate amount of information to review the image of the check, wherein the adequate amount of information is based on predetermined criteria, and wherein the device further comprises:

a transport mechanism is adapted to transport the plurality of checks from the input receptacle, one at a time, past the image scanner, to the output receptacle;

a controller coupled to the transport mechanism and the image scanner and adapted to control operation of the transport mechanism and operation of the image scanner;

memory communicatively coupled to the controller and having stored therein data associated with suspect checks, wherein

the controller is adapted to retrieve the data from memory and compare the extracted data to the data retrieved from memory and to reject any checks having data from a field matching data stored in memory; and the system comprises

an evaluation unit coupled to the controller and adapted to determine amount of each of the checks.

150. A method for processing checks to be deposited in a financial account belonging to a customer; wherein the method comprises:

allowing the customer to use a document scanning device to affect his financial account;

receiving a stack of checks into an input receptacle of the device and transporting each of the checks, one at a time, from the input receptacle to an output receptacle;

obtaining a check image of each of the checks with an image scanner, wherein the check image comprises at least an adequate portion of the check to allow at least either reviewing the check or tracing the check, and wherein the method further comprises

extracting a number from a data field of each check; and

creating an image file, wherein the image file contains the extracted number and the check image.

151. The method of Claim 150, wherein the data field from which the data is extracted is selected from a group consisting of an ABA number field, and account number field, and a check number field.

152. A method for processing checks to be deposited in a financial account associated with a customer, wherein the method comprises:

receiving a stack of checks into an input receptacle;

transporting each of the checks, one at a time, from the input receptacle to an output receptacle;

obtaining an image of each of the checks and extracting one or more of an ABA number, an account number and a check number;

creating an image file containing the image of the check and the one or more extracted numbers; and

storing the image file in memory.

153. The method of Claim 152, comprising retrieving from memory data associated with suspect checks and comparing the retrieved data to the one or more extracted numbers.

154. A method for processing checks to be deposited in a financial account associated with a customer, the method comprising:

receiving a stack of checks in an input receptacle;

transporting each of the bills, one at a time, from the input receptacle to an output receptacle;

obtaining an image of each of the checks with an image scanner;

extracting from each of the images of the checks data from one or more data fields for an ABA number, account number, and a check number;

creating an image file, wherein the image file contains the extracted data and the image; and

storing the image file in memory for subsequent review.

155. A document processing device for processing a plurality of currency bills and checks to be deposited in a financial account of a customer, wherein the document processing device comprises:

a first and second input receptacles, the first being adapted to receive a plurality of currency bills, the second being adapted to receive a plurality of checks;

an output receptacle;

an image scanner adapted to

obtain an image of at least one side of a currency bill, extract serial number field data from the image, create an image file containing the image of the currency bill and the serial number field,

obtain an image of at least one side of a check and to create an image file containing the image of the check,

obtain a payment amount from each of the checks;

a transport mechanism adapted to transport from the input receptacles the plurality of currency bills and checks, one bill or check at a time, past the image scanner, to the output receptacle;

a controller coupled to the transport mechanism and the image scanner and adapted to control operation of the transport mechanism and operation of the image scanner, wherein

the controller is adapted to transmit information to a first computer, the information transmitted being usable by the first computer to credit the financial account of the customer with the payment amount; and

the controller is adapted to selectively initiate either one or more tests for suspect checks or one or more tests for counterfeit bills prior to causing the financial account of the customer to be credited; and wherein the device further comprises:

an evaluation unit coupled to the controller and adapted to determine denomination of currency bills and checks; and

memory communicatively coupled to the controller and having stored therein at least one serial number associated with counterfeit currency bills, wherein the controller is adapted to retrieve the at least one serial number from memory and compare extracted serial number field data to the at least one stored serial number retrieved from memory and to reject any currency bills having serial number field data matching a serial number stored memory.

156. A document processing system for processing a plurality of currency bills to be deposited in a financial account of a customer, wherein the system comprise:

an input receptacle adapted to receive a plurality of currency bills;

an output receptacle;

an image scanner adapted to obtain an image of at least one side of a currency bill, extract data from a data field of the bill, and create an image file containing the image of the currency bill and the extracted data;

a transport mechanism is adapted to transport each of the plurality of currency bills, one at a time, from the input receptacle past the image scanner, to the output receptacle;

a controller coupled to the transport mechanism and the image scanner and adapted to control operation of the transport mechanism and operation of the image scanner;

an evaluation unit coupled to the controller and adapted to determine denomination of currency bills; and

memory communicatively coupled to the controller and adapted to store the image file and be searched based on the date field of the currency bill from which data his extracted.

157. The system of Claim 156, wherein the data field is a serial number field and the data from the serial number field is extracted from the image.

158. The system of Claim 156, wherein the image scanner is adapted to extract data from another field, and wherein the image file contains the data extracted from the data field separately from the data extracted from the other data field.

159. A document processing device for processing a plurality of currency bills to be deposited in a financial account of a customer, wherein the document processing device comprises:

one or more input receptacle for receiving the currency bills;

an output receptacle;

an image scanner adapted to obtain an image of at least one side of a currency bill, extract serial number field data from the image, create an image file containing an adequate amount of information to review the image of the currency bill and the serial number field, wherein the adequate amount is determined based on predetermined criteria to identify the currency bill for tracking purposes, and wherein the device further comprises:

a transport mechanism adapted to transport from the one or more input receptacles the plurality of currency bills, one at a time, past the image scanner, to the output receptacle;

a controller coupled to the transport mechanism and the image scanner and adapted to control operation of the transport mechanism and operation of the image scanner;

an evaluation unit coupled to the controller and adapted to determine denomination of currency bills; and

memory communicatively coupled to the controller and having stored therein one or more serial numbers, wherein

the controller is adapted to retrieve from memory one or more serial numbers and compare an extracted serial number to one or more serial numbers retrieved from memory and flag currency bills based on a comparison between an extracted serial number and one or more serial numbers retrieved.

160. The device of Claim 159, comprising an input device adapted to receive a unique identifier associated with the customer, wherein the image file contains the unique identifier and the memory is searchable based on the unique identifier.

161. A system for tracking currency bills, wherein the system comprises:

a plurality of scanning devices connected in a network architecture, wherein each scanning device comprises:

an input receptacle adapted to receive a plurality of currency bills;

an image scanner adapted to obtain an image of at least one side of a currency bill, extract a bill identifier from the image, and create an image file containing the extracted bill identifier; and

a transport mechanism adapted to transport the plurality of currency bills, one at a time, past the image scanner;

a controller coupled to the image scanner and the transportation mechanism, wherein the controller is adapted to control operation of the transport mechanism and the image scanner; wherein the system further comprises:

memory coupled to each of the scanning devices and having stored therein a plurality of currency bill identifiers; and

a controller adapted to retrieve one or more bill identifiers from memory and compare the one or more bill identifiers with and extracted bill identifiers.

162. A method for tracking currency bills to be deposited in a financial account belonging to a customer, wherein the customer is using a document scanning device to affect his financial account and wherein the method comprises:

receiving a stack of currency bills into an input receptacle

transporting the bills, one at a time, from the input receptacle to an output receptacle;

obtaining an image of each of the currency bills with an image scanner, wherein the bill image is of at least a portion of the bill;

extracting a serial number for each bill,

creating for each bill an image file which contains the extracted serial number, the bill image and transaction information;

comparing one or more serial numbers stored in memory with the extracted serial number to identify any matches between the extracted serial number and the stored serial numbers; and

if a match is found, reviewing the image file to obtain the transaction information.

163. A method for processing currency bills to be deposited in a financial account associated with a customer, wherein the method comprises:

receiving a stack of currency bills in an input receptacle;

transporting the bills, one at a time, from the input receptacle to an output receptacle;

obtaining an image of each of the currency bills with an image scanner;

extracting a data field from each of the images of the currency bills;

creating an image file containing the extracted serial number and the image;

storing the image file in memory; and

retrieving the image file to review the bill image after the currency bill has been deposited.

164. A currency scanning device for accepting currency bills from a customer, wherein the device comprises:

an input receptacle adapted to receive a plurality of currency bills,

an output receptacle;

an image scanner adapted to obtain an image of a side of a currency bill and extract data from one or more data fields from the image;

a transport mechanism adapted to transport the plurality of currency bills, one at a time, from the input receptacle past the image scanner, to the output receptacle;

an input device is adapted to receive an account number from the customer;

a controller coupled to the transport mechanism and the image scanner and adapted to control operation of the transport mechanism and the image scanner, wherein

the controller is coupled to the input device and adapted to create an image file containing the image of the currency bill, data from the one or more data fields and the account number, wherein the account number to which the currency is being deposited is the account number received by the input device and the currency scanning device further comprises:

an evaluation unit coupled to the controller and adapted to determine denomination of processed currency bills; and

memory coupled to the controller and adapted to store the image file associated with a currency bill and the memory is configured to enable searching for an image file based on the one or more data fields from which data is extracted.